

LIGHT OUTPUT CONTROL CIRCUIT

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ABSTRACT OF THE DISCLOSURE

10 Using a switching signal from a coarse/fine  
switching and operation mode switching circuit, the width  
of change of a counter control value during power up is  
increased, and the width of change is reduced once a  
steady state is reached. In the steady state, the  
frequency of updating is limited by a control signal from  
an update permit control circuit. In the steady state,  
15 the frequency band of a current source in an LD driving  
circuit is reduced in width.